

IMNIS

Ignite

2023 Prospectus

The Australian Academy of Technological Sciences & Engineering is proud to introduce its new postgraduate internships program – **IMNIS Ignite**

Following broad consultation with IMNIS alumni, IMNIS mentors and key stakeholders this opportunity has been co-created with the sector to enable our industry partners to leverage the increased knowledge and skills of IMNIS alumni for your organisation's projects, collaborations, innovation and strategy.

IMNIS Ignite is a postgraduate internship program that aims to help your organisation grow and create stronger career pathways for highly skilled, motivated people in STEM. It connects you with talented PhD students and early-career researchers who have completed the one-year IMNIS Engage program with industry-based projects at host organisations.

IMNIS Ignite harnesses the sense of momentum that comes from completing the IMNIS Engage mentoring program and aims to spark career options in STEM. Our IMNIS alumni are ready to contribute to your organisation after one year of industry mentoring, professional development and cross-sector networking.

IMNIS Ignite offers a unique opportunity to fill skills gaps in your organisation, attract new research talent, and contribute to a stronger and more diverse STEM sector.

All IMNIS Alumni are eligible to apply and internships will be in the following priority industry areas that align with ATSE's Policy Forums:

Advanced Manufacturing
Minerals & METS
Agriculture
Energy Resources & Renewables

Health Technologies
Water Resources
Digital Futures

More information about these areas will be provided during the application process.



ABOUT IMNIS

The Industry Mentoring Network in STEM – IMNIS – is a prestigious, award-winning industry engagement initiative of the Australian Academy of Technology and Engineering that partners motivated PhD students and early-career researchers (mentees) in STEM with influential, high level industry leaders (mentors) in a one year mentoring and professional development program.

IMNIS empowers mentees from diverse backgrounds across Australia to excel in all aspects of the STEM ecosystem. Mentees have the opportunity to increase their understanding of industry, identify the skills needed to succeed, learn about different career opportunities, and extend their professional network.

Since IMNIS began we have matched over 1,300 early-career researchers from 18 leading universities around Australia with industry leaders.

IMNIS Ignite harnesses the sense of momentum that comes from completing the IMNIS Engage program and sparks their careers options in STEM.



Host organisation's project submission



Alumni applications



Alumni-Host project matching



IMNIS team monitors engagement and provides support to the Intern

HOW DOES IT WORK?

1. Get in touch with the IMNIS team to discuss your needs.
2. The IMNIS team will send you the project submission form to identify the requirements for your internship opportunity.
3. IMNIS team calls for applications for your project and identifies suitable candidates.
4. An expert team matches candidates to your internship based on skills, motivation and opportunities to contribute to your organisation.
5. IMNIS team shortlists the most suitable applicants for you to review, interview.
6. You select your preferred candidate and welcome them into your organisation.
7. The IMNIS team will monitor engagement and provide structured support to you and the intern throughout the term of their IMNIS Ignite program.
8. IMNIS Ignite interns will submit a report to ATSE and if invited, present their work at their host organisation and other relevant stakeholders.

THE BENEFITS

Minimal administration for your organisation, the IMNIS team manages recruitment.

Organisation retains all new IP derived from the project.

Invest in a more diverse workforce and accelerate innovation.

Access to a pool of skilled, motivated industry-ready interns who:

Have strong research expertise and deeper understandings of how to apply their skills in an industry context.

Are prepared to hit the ground running and contribute to your organisation's projects from day one.

Have robust business acumen after one year of mentoring, professional development and cross-sector networking.

Have a broader professional network across sectors than the average PhD student or graduate.

Become a host organisation and ignite the engine of Australian innovation.



Our Alumni data indicate that IMNIS positively shifts the culture and creates enduring professional connections throughout the STEM ecosystem with:

96%

have a better understanding of the STEM ecosystem, relevant skills and the careers available

79%

indicated that IMNIS influenced how they approach their career / research

73%

noted that IMNIS has helped expand their professional network (beyond their mentor)

IMNIS IGNITE INTERNSHIP DETAILS

Internship opportunities are welcome all year-round. Fees include the paid internship, administration and support of the program, and reinvestment into ATSE's STEM education and workforce programs to increase the next generation's understanding of industry and diverse STEM Careers.

TIME COMMITMENT

Internship opportunities can be either 3 or 6 months on a full-time basis. Internship opportunities are welcome all year-round. Part-time opportunities can be discussed for suitable organisations and internship candidates.

ACTIVITIES

During the first year of the pilot, eligible internship projects and activities may include, but are not limited to:

- New research
- Proof-of-concept activities
- Activities with commercial outputs
- Prototyping
- Business and commercialisation planning
- Opportunities to translate their research expertise in an industry setting.

DISCIPLINES

STEM disciplines aligning with the following: health, energy resources and renewables, minerals and METS, digital futures, advanced manufacturing, agriculture, water resources.

STATES

All states and territories.

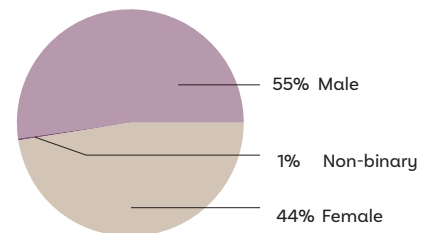
FEES

Government / Corporate organisations – 3 months – \$25,000 per intern
Medium enterprises (50 - 150 employees) – 3 months – \$15,000 per intern
SMEs, start-ups and not-for-profits – 3 months – \$12,500 per intern

Our alumni will have the opportunity to enter industry and apply the skills and knowledge they have developed during our mentoring program, IMNIS Engage.

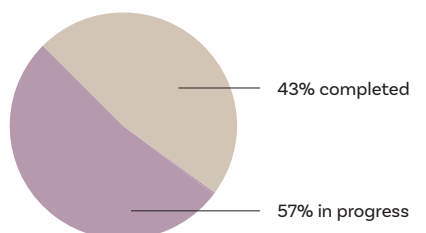
GENDER

From total Alumni pool



PHD STATUS

From 2021 Alumni survey





IMNIS ACKNOWLEDGES INVALUABLE SUPPORT FROM OUR INDUSTRY PARTNERS & SUPPORTERS



ACKNOWLEDGEMENTS

In the spirit of reconciliation, Industry Mentoring Network in STEM (IMNIS) and the Australian Academy of Technology and Engineering acknowledges the Traditional Custodians of country throughout Australia and their connections to land, sea and community. We pay our respect to their elders past and present, and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

IMNIS would not have been possible without the generous support, energy and time of our Foundation Donors: Professor Paul Wood AO FTSE, Ronnie Wood, Dr Tony Radford AO FTSE, Deborah Radford, Professor Mike Miller AO FTSE, John Kirby AM, Professor Peter Lilly FTSE, Dr Anna Lavelle FTSE and Dr Jenny Petering.

The IMNIS team thanks all mentors for generously donating their time and expertise to the program, and all of our partners and collaborators for their engagement and support.



IMNIS is an initiative of the Australian Academy of Technological Sciences and Engineering



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MEET THE TEAM



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